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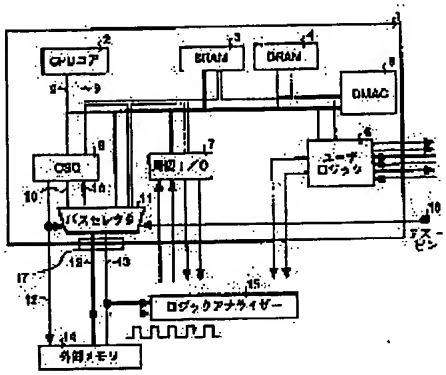
(54) INTEGRATED CIRCUIT WITH BUILT-IN PROCESSOR AND INTERNAL BUS OBSERVING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To permit the observation of an internal bus at the time of real operation providing all operating functions and to permit suitable function verification and the operation analysis of a processor.

SOLUTION: An LSI 1 with built-in CPU as a circuit is provided with a CPU core 2, an internal CPU bus 9 connected to the CPU core 2 and an external pin 17 for external memory to access an external memory 14. In this case, a bus selector 11 is provided for outputting the signal of the internal CPU bus 9 to the external pin 17 for external memory access while the operation of access to the external memory 14 is not performed.



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